

0108-354 US-1  
Amendment dated 02/28/2008

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Reply to office action mailed 10/31/2007

The following is a complete listing of all claims in the application, with an indication of the status of each:

**Listing of claims:**

- 1           1. (currently amended) An orthopedic aid ~~with providing a supporting~~  
2           function for compensating a permanent or temporary weakness of the human  
3           body, having two parts (15, 16) which are movable relative to one another and  
4           ~~with~~a locking device for locking the two parts (15, 16) in a predetermined  
5           relative position which establishes a position of use in which load is placed on  
6           the aid and for unlocking the parts (15, 16) in order to permit movement of the  
7           parts (15, 16) with respect to one another, wherein a signaling arrangement  
8           (36, 40, 41, 42) is provided which emits a particular indicator signal or  
9           warning signal, responsive to means for detecting the locking or unlocking of  
10          the device, for alerting a user of the orthopedic aid to a locking state or upon  
11          unlocking of the locking device.
  
- 1           2. (original) The orthopedic aid as claimed in claim 1, wherein at least one  
2           detection arrangement (30, 31) is provided for detecting the locking state of  
3           the two parts (15, 16) and for emitting a signal indicating the locking state.
  
- 1           3. (previously presented) The orthopedic aid as claimed in claim 1, wherein  
2           the signaling arrangement (36, 40, 41, 42) is designed to emit a signal upon  
3           unlocking.
  
- 1           4. (previously presented) The orthopedic aid as claimed in claim 1, wherein  
2           the signal is visual, acoustic, tactile and/or mechanical.

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1           5. (previously presented) The orthopedic aid as claimed in claim 1, wherein a  
2           detection arrangement (30, 31) is designed to generate the signal electrically  
3           as a function of the locking state.

1           6. (previously presented) The orthopedic aid as claimed in claim 1, wherein  
2           the locking device has a movable locking pin (25) whose position can be  
3           detected by the detection arrangement (30,31).

1           7. (previously presented) The orthopedic aid as claimed in claim 1, wherein  
2           the locking device is designed to be actuated electromechanically to permit  
3           unlocking.

1           8. (previously presented) The orthopedic aid as claimed in claim 6, wherein  
2           the locking pin (25) is arranged such that it can be drawn into a magnet coil  
3           (28) to permit unlocking.

1           9. (previously presented) The orthopedic aid as claimed in claim 5, wherein  
2           the detection arrangement (30, 31) is designed for electrical scanning of a  
3           position of the locking pin.

1           10. (previously presented) The orthopedic aid as claimed in claim 1,  
2           designed as an orthotic joint in which the parts (15, 16) of a joint (6) can be  
3           locked in an extended position, wherein an electromagnetic actuating  
4           arrangement (28) with a low actuating force of not more than 2 N is provided,  
5           and wherein the joint (6) in the extended position has a slight play, allowing a  
6           freedom of movement of the locking mechanism in the loading of the joint (6)  
7           pertaining to the extended position, whereas, in the event of a load exerting a  
8           turning moment of the joint (6), the locking mechanism cannot be unlocked  
9           by the actuating arrangement (28) on account of frictional forces.

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1           11. (previously presented) The orthopedic aid as claimed in claim 1, wherein  
2           the locking device is actuated by wireless transmission of an actuating signal.

3           12. (previously presented) The orthopedic aid as claimed in claim 11,  
4           wherein an actuating signal for wireless transmission of a command signal can  
5           be triggered on a handgrip (12) of a walking aid (10).

1           13. (previously presented) The orthopedic aid as claimed in claim 11,  
2           wherein the signal of the signaling arrangement (36, 40, 41, 42) can be sent by  
3           wireless transmission to the walking aid (10).

1           14. (original) The orthopedic aid as claimed in claim 13, wherein the  
2           walking aid (10) has a visual and/or acoustic signal display arrangement.

1           15. (previously presented) The orthopedic aid as claimed in claim 13,  
2           wherein a handgrip (12) of the walking aid (10) is provided with a vibrator  
3           that can be actuated by the signal of the signaling arrangement (36,40,41,42).